## INTERNATIONAL SEARCH REPORT

In tional Application No GB 03/03786

A.	CLASSII	TICATION	OF SUBJE	CT MATT	ER	
IF	PC 7	E218	OF SUBJE 21/10	E2	1B34	/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

## EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 061236 A (TELFER GEORGE; HOWLETT PAUL DAVID (GB); SPS AFOS GROUP LTD (GB)) 8 August 2002 (2002-08-08) Claim 2 lacks an inventive step over this document considered alone abstract; claims 13-16; figure 5	1,2
A	US 5 499 687 A (LEE PAUL B) 19 March 1996 (1996-03-19) cited in the application claims 1,2; figures 3,4	i
Α	WO 01 90529 A (LEE PAUL BERNARD) 29 November 2001 (2001-11-29) see balls 18/19 and seats 17/25 respectively	1

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:      A* document defining the general state of the art which is not considered to be of particular relevance      E* earlier document but published on or after the international filing date      C* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)      O* document referring to an oral disclosure, use, exhibition or other means      P* document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
22 January 2004	29/01/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Tompouloglou, C





	ntion) DOCUMENTS CONSIDERED TO BE RELEVANT	· · · · · · · · · · · · · · · · · · ·
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 253 861 B1 (CARMICHAEL MARK ET AL) 3 July 2001 (2001-07-03) abstract; figure 4	1
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Information on patent family members

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